



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

MISCELLANEOUS.

Return of the Trades or Callings of the Emigrants who arrived at the Ports of Quebec and Montreal during the Year 1849.

Bakers.....	21	Brought forward.....	767
Butchers.....	16	Painters.....	4
Bricklayers and Stonemasons.....	82	Plasterers.....	5
Black and Whitesmiths.....	110	Printers.....	8
Boot and Shoemakers.....	114	Quarrymen.....	3
Braziers, Tinsmiths, &c.	8	Ship-builders.....	1
Cabinet-makers.....	12	Sawyers.....	12
Carpenters and Joiners.....	146	Sail-makers.....	4
Coopers.....	16	Saddlers.....	3
Coach-makers.....	3	Stone-cutters.....	7
Cart and Wheelwrights.....	23	Tailors.....	92
Curriers.....	2	Watch-makers.....	1
Dyers.....	1	Unenumerated Callings.....	185
Drapers.....	15	Male Servants.....	78
Engineers.....	26	Farmers & Agricultural Labourers.....	6,264
Gardeners.....	15	Common Labourers.....	6,388
Hatters.....	3		
Millers and Millwrights.....	26		13,822
Miners.....	113	Deaths of Male Adults at Sea.....	212
Moulders.....	5	Ditto ditto in Quarantine.....	70
Paper-makers.....	10		282
Carried forward.....	767	Total.....	13,540

PROCEEDINGS OF THE STATISTICAL SOCIETY OF LONDON,

Fourth Ordinary Meeting, 1849-50. Monday, 18th Feb., 1850.

Lieut.-Colonel W. H. Sykes, F.R.S., Vice-President,
in the Chair.

The following Gentlemen were elected Fellows:—

J. A. Higham, Esq. | John Cooke, Esq.

The following Paper was read:—

On the Agriculture, Commerce, Manufactures, &c., of China. By Dr. Gutzlaff.

Fifth Ordinary Meeting, 1849-50. Monday, 18th March, 1850.

The Right Hon. The Earl of Harrowby, President,
in the Chair.

The following Gentlemen were elected Fellows:—

J. C. Williams, Esq. | W. H. Smith, Esq.
C. Ryley, Esq.

The following Papers were read:—

On the Police of the Metropolis, and its use in the Repression of Juvenile Crime. By Joseph Fletcher, Esq.

On the Amount of Money Expended on Public Works in India, from 1835-6 to 1845-6. By Lieut.-Col. Sykes.

Sixth Ordinary Meeting, 1849-50. Monday, 22nd April, 1850.

Sir J. P. Boileau, Bart., Vice-President,
in the Chair.

The following Gentlemen were elected Fellows:—

Lord Harry Vane.

| R. Thompson Jopling, Esq.

The following Paper was read:—

Statistics of Bills of Exchange, from 1828 to 1847. By William Newmarch, Esq.

**THE MARRIAGES, BIRTHS, AND DEATHS,
REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF ENGLAND
AS PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.**

THE following Return comprises the Births and Deaths which were registered in all the districts of England by 2,189 Registrars, in the autumn quarter ending December 31st, 1849; and the Marriages in above 12,000 chapels and churches, 2,869 registered places of worship unconnected with the Established Church, and 623 Superintendent Registrars' Offices, in the quarter ending September 30th, 1849.

The Return of marriages is incomplete; but the numbers wanting are inconsiderable, and have been supplied from the previous years. Returns of the births and deaths have been received from every Registrar.

MARRIAGES.—67,578 persons were married in the quarter which ended on September 30th, 1849. It was the time when the cholera was rife; yet the marriages exceeded in numbers—and even in proportion to the population—the marriages in the corresponding quarters of 1848 and 1847, and in every quarter since the summer of 1838, except the summers of 1839-44-5-6. The excess was chiefly in London, Middlesex, Surrey, Norfolk, Herefordshire, Leicestershire, Nottinghamshire, Derbyshire, Cheshire, Lancashire, the West Riding of Yorkshire, and Cumberland. The marriages were stationary or decreased in Kent, Hampshire, Berkshire, Bedfordshire, Cambridgeshire, Essex, Suffolk, Devonshire, Cornwall, Somersetshire, Gloucestershire, Shropshire, Staffordshire, Warwickshire, Rutlandshire, Lincolnshire, the East Riding of Yorkshire, Durham, Northumberland, and Westmoreland. In the towns and manufacturing districts, the marriages, as a general rule, increased; in the agricultural, coal, and iron districts, they decreased; but the deviation from the average was on neither side considerable. At St. George's, Hanover Square, the marriages were 238, or less than in the same season of 1845-6-7; in the Strand, Holborn, St. Luke, Shoreditch, Bethnal Green, Whitechapel, Bermondsey, and Lambeth districts, the marriages exceeded the average. In Brighton, the marriages (163) were considerably above the average. In Cheltenham, the marriages in the 5 summer quarters of 1845-9 were 112, 99, 90, 90, and 99. In Bristol, Wolverhampton, Liverpool, Leeds, and Hull, which suffered severely from cholera, the marriages were depressed; in Bath and Birmingham, about the average; in Sheffield, Manchester, Stockport, Halifax, and the manufacturing districts of the same class, the marriages were much more numerous than in 1847-8, and indicated the dawn of prosperity. The average rate of marriage in the 11 preceding summer quarters was 747; in the summer quarter of 1849 it was 756 per cent.; somewhat, therefore, for the whole country, above the average. Winter and summer are the seasons in which the fewest marriages are celebrated in England.

BIRTHS.—135,481 births were registered in the quarter which ended on December 31st, 1849; the births in the corresponding quarters of 1845-8 were 131,219, 139,349, 127,267, 133,204; so that the proportion of births to the population is 3.022 per cent. in 1849, or greater than in the corresponding quarters of 1847-8; it is less than in the December quarters of 1843-6. The births in the year 1849 were 578,087, which is the greatest number ever returned in one year. The number of births in 1846 was 572,625; in 1847 only 539,965; and in 1848, 563,205. The

estimated proportions to the population in the 6 years 1844-9 were 3·263, 3·236, 3·364, 3·131, 3·223, and 3·264 per cent. The latter proportion is equal to 1 in 31 (or 30·64) of the population; 1 in 15·67 of the female population; and 1 in 7·33 of the women at the ages 15-45. The number of persons of the ages 15 and under 45 in the country was, on July 2, 1849, not more than 3,955,299 men, and 4,238,481 women, showing an excess of 283,182 women of the age 15-45 in England; against which a part of the army, seamen, and fishermen, belonging to England, but absent from the country in the middle of the year, have to be placed.

The births in the metropolitan districts of Surrey, in Liverpool, and in Hull, where cholera was so fatal in the summer quarter, were fewer in the December quarter of 1849, than in the corresponding quarter of 1848.

BIRTHS AND DEATHS: MOVEMENT OF POPULATION.—The births registered in the last quarter of 1849 were 135,481, the deaths 97,778; so that the natural increase of which there is a record was 37,703. But 46,136 persons emigrated in the quarter from 11 ports at which there are government officers, and 41,845 of the number left the three English ports of Liverpool, London, and Plymouth. All the births in England are not registered, the emigrants of English birth are not distinguished, no account is taken of the immigrants into England, and Scotland and Ireland still remain almost the only parts of the civilized world in which the births and deaths are unregistered, so that the accurate statement, which might otherwise, by proper arrangements, be so easily made, of the movement of the population of the United Kingdom, is impossible. The excess of births over deaths in the year was 578,087—441,458 = 136,629.

STATE OF THE PUBLIC HEALTH.—The deaths in the last quarters of the 5 years 1845-6-7-8-9, were 80,681, 108,937, 103,479, 92,447, 97,778. The rate of mortality in the quarter was 2·181 per cent., slightly in excess of the average rate (2·165) of the 12 December quarters 1838-49. The lowest rate of mortality (1·898) was experienced in the December quarter 1845—the highest (2·529) in the corresponding quarter of 1846.

If we take the complete years, the deaths registered in the 5 years 1845-6-7-8-9, were 349,366, 390,315, 423,304, 400,060, 441,458. The deaths in 1849 exceeded the deaths in 1845 by 92,092. The average annual mortality of the 10 years 1838-47 was 2·213 per cent; of the 12 years 1838-49, 2·243. The annual mortality was lowest (2·080 per cent., or 1 in 48) in the year 1845; highest (2·493, or 1 in 40) in the year 1849. The high rate of mortality set in with an epidemic of what was called diarrhoea and English cholera, in the summer of 1846; it was succeeded by influenza, at the close of 1847 and the beginning of 1848. The Asiatic form of cholera first distinctly showed itself in October, 1848, and raged in many places with great violence in the months of July, August, September, and a part of October, 1849, when it generally subsided.

The returns of the other states of Europe are still so much in arrear, that there are no means of comparing them with those of England; but it is worthy of remark, that the mortality of England in 1849, when cholera was epidemic, scarcely exceeded the mortality of France and Sweden in ordinary years, and was much less than the ordinary mortality of Saxony, Prussia, Italy, Austria, and Russia.

Marriages Registered in the Quarters ending September 30th, 1845-49; Births and Deaths Registered in the Quarters ending December 31st, 1845-49, in the Divisions, Counties, and Districts of England.

Population.		Marriages.		Births.		Deaths.	
		Registered in the Quarter ending the last Day of					
		Sept.,		Dec.,		Dec.,	
1831.....	13,896,797	1845....	35,003	1845....	131,219	1845....	80,681
		1846....	35,070	1846....	139,349	1846....	108,937
1841.....	15,914,148	1847....	32,439	1847....	127,267	1847....	103,479
		1848....	32,984	1848....	133,204	1848....	92,447
Military	29,846	1849....	33,759	1849....	135,481	1849....	97,778

MORTALITY OF THE METROPOLIS.

A Table of the Mortality in the Metropolis, showing the Number of Deaths from all Causes, in the Quarters ending December of the Four Years, 1846-47-48-49.

CAUSES OF DEATH.	Quarters ending Dec.*				CAUSES OF DEATH.	Quarters ending Dec.*			
	1846.	1847.	1848.	1849.		1846.	1847.	1848.	1849.
ALL CAUSES.....	13,221	19,605	14,725	12,577	III. Scrofula.....	71	84	92	83
SPECIFIED CAUSES.....	12,986	19,571	14,679	12,818	Tabs Mesenterica.....	177	263	174	169
I. Zymotic Diseases.....	2,211	5,225	5,137	3,227	Phthisis or Consumption.....	1,695	1,878	1,450	1,473
SPORADIC DISEASES.					Hydrocephalus.....	842	408	342	314
II. Dropsy, Cancer, and other Diseases of uncertain or variable Seat.....	580	629	605	593	Cephalitis.....	148	154	116	120
III. Tubercular Diseases.....	2,275	2,630	2,058	2,035	Apoplexy.....	347	349	336	324
IV. Diseases of the Brain, Spinal Marrow, Nerves, and Senses.....	1,617	1,742	1,465	1,454	Paralysis.....	267	307	249	257
V. Diseases of the Heart and Blood Vessels.....	572	573	479	466	Delirium Tremens.....	42	45	34	29
VI. Diseases of the Lungs and of the other Organs of Respiration.....	2,568	4,144	2,064	2,133	Chorea.....	1	1	1	1
VII. Diseases of the Stomach, Liver, and other Organs of Digestion.....	861	964	765	703	Epilepsy.....	77	90	78	73
VIII. Diseases of the Kidneys, &c.....	141	190	141	142	Tetanus.....	5	5	4	5
IX. Childbirth, Diseases of the Uterus, &c.....	227	222	106	124	Insanity.....	18	26	24	26
X. Rheumatism, Diseases of the Bones, Joints, &c.....	125	139	105	98	Convulsions.....	548	592	477	473
XI. Diseases of the Skin, Cellular Tissue, &c.....	27	24	17	25	Disease of Brain, &c.....	164	173	192	146
XII. Malformations.....	46	62	56	39	Pericarditis.....	26	27	34	34
XIII. Premature Birth & Debility.....	301	336	292	293	Aneurism.....	16	24	16	20
XIV. Atrophy.....	255	390	288	339	Disease of Heart.....	530	522	429	412
XV. Age.....	651	957	527	554	Laryngitis.....	83	71	44	46
XVI. Sudden.....	93	225	162	191	Trachitis.....	89	1,642	766	805
XVII. Violence, Privation, Cold, and Intemperance.....	436	529	412	402	Pleurisy.....	43	76	36	24
I. Small Pox.....	42	372	413	99	Pneumonia.....	1,101	1,743	963	989
Measles.....	105	881	218	338	Asthma.....	813	428	146	174
Scarlatina.....	322	747	1,765	486	Disease of Lungs, &c.....	196	184	109	95
Whooping Cough.....	368	428	473	273	Teething.....	103	141	91	118
Croup.....	65	116	62	80	Quinsey.....	14	34	20	24
Thrush.....	61	52	48	38	Gastritis.....	28	23	26	18
Diarrhoea.....	331	400	375	482	Enteritis.....	112	135	96	82
Dysentery.....	43	91	74	79	Peritonitis.....	55	86	62	47
Cholera.....	15	12	463	494	Ascites.....	26	86	23	33
Influenza.....	66	1,161	24	49	Ulceration (of Intestines, &c.).....	36	81	39	38
Purpura and Scurvy.....	5	17	14	11	Hernia.....	47	49	46	26
Ague.....	6	12	8	7	Ileus.....	34	44	28	22
Remittent Fever.....	17	31	80	15	Intussusception.....	9	10	9	14
Infantile Fever.....	5	9	12	12	Stricture of the Intestine Canal.....	8	11	11	8
Typhus.....	619	1,279	883	558	Dis. of Stomach, &c.....	101	98	86	78
Metria, or Puerperal Fever, see Childbirth.....	..	..	100	56	Disease of Pancreas.....	3	1	..	..
Rheumatic Fever, see Rheumatism.....	..	..	13	20	Hepatitis.....	50	58	45	29
Erysipelas.....	106	176	126	109	Jaundice.....	37	30	36	33
Syphilis.....	32	32	32	18	Disease of Liver.....	194	177	147	133
Noma or Canker, see Mortification.....	3	11	..	3	Disease of Spleen.....	4	1	4	5
Hydrophobia.....	43	62	42	61	Nephritis.....	1	7	2	6
Hæmorrhage.....	216	248	223	205	Nephria (or Bright's Disease).....	..	..	40	31
Dropsy.....	18	22	27	26	Ischuria.....	1	6	1	2
Abscess.....	15	18	17	17	Diabetes.....	3	8	13	10
Ulcer.....	8	5	2	2	Stone.....	8	10	4	7
Fistula.....	47	43	42	36	Cystitis.....	18	15	10	13
Mortification.....	219	214	240	242	Stricture of Urethra.....	18	15	6	67
Cancer.....	14	17	7	14	Dis. of Kidney, &c.....	107	136	65	67
Gout.....	..	..	..	..	Parameia.....	6	5	3	8
					Ovarian Dropsy.....	7	9	8	14
					Childbirth, see Metria.....	163	179	63	60
					Dis. of Uterus, &c.....	51	38	30	42
					Arthritis.....	3	5	3	1
					Rheumatism.....	67	65	69	56
					Disease of Joints, &c.....	56	69	33	41
					Carbuncle.....	1	5	4	7
					Phlegmon.....	9	8	5	5
					Disease of Skin, &c.....	17	11	6	13
					Intemperance.....	24	28	13	15
					Privation.....	15	12	14	8
					Want of Breast Milk, see Privation & Atrophy.....	..	..	35	37
					Neglect.....	..	..	..	1
					Cold, see Privation.....	..	..	..	20
					Poison.....	..	..	24	20
					Burns and Scalds.....	..	..	63	58
					Hanging, &c.....	..	..	22	41
					Drowning.....	397	489	68	47
					Fractures and Contusions.....	..	..	131	129
					Wounds.....	..	..	81	28
					Other Violence.....	..	..	11	18
					Causes not specified.....	235	34	46	59

* The mortality of the district of Lewisham, and sub-district of Hampstead, was included in the Metropolitan returns at the commencement of 1847, for the first time. Therefore the deaths for previous years are not contained in the above table. In the quarters ending Dec., they were respectively (1845) 143, (1846) 188.

† Under the head of "sudden deaths" are classed not only deaths described as sudden, of which the cause has not been ascertained or stated; but also all deaths returned by the Coroner in vague terms, such as "found dead," "natural causes," &c., &c.

‡ In the years previous to 1848, "Worms" and "Infantile Fever" were classed together. The former, of very rare occurrence, is now placed to diseases of stomach, &c.

METEOROLOGICAL TABLE for the Quarter ending December 31, 1849.

NAMES OF THE PLACES.	Mean Pressure of Dry Air reduced to the level of the Sea.	Mean Temperature of the Air.	Highest Reading of the Thermometer.	Lowest Reading of the Thermometer.	Mean Daily Range of Temperature.	Mean Monthly Range.	Range of Tempera- ture in the Quarter.	Mean Temperature of the Dew Point.	WIND.		Mean Amount of Cloud.	RAIN.		Mean Weight of Va- pour in a Cubic Foot of Air.	Mean additional weight required to saturate a cubic Foot of Air.	Mean Degree of Hu- midity.	Mean whole Amount of Water in a Ver- tical Column of Atmosphere.	Mean Weight of a Cubic Foot of Air.	Height of (Water in the Barometer above the level of the Sea.
									Strength.	General Direction.		Number of Days on which it fell.	Amount col- lected.						
Guernsey.....	29.708	48.2	68.0	33.0	1.9	21.6	32.0	45.1	2.2	S.W.	5.8	59	16.9	3.8	0.4	0.906	3.6	538	123
Helston.....	29.637	48.3	69.0	27.0	11.1	28.7	32.0	45.1	1.6	S.W.	6.6	48	13.2	3.7	0.6	0.869	4.4	539	106
Falmouth.....	..	48.1	68.0	26.0	10.3	28.3	32.0	..	1.4	Var.	6.8	53	11.0	..	..	..	..	..	..
Truro.....	..	48.0	68.0	26.0	8.3	24.2	32.0	..	0.8	S.	7.2	56	15.0	..	..	..	..	..	..
Torquay.....	29.788	46.2	68.0	26.0	13.3	26.9	32.0	42.8	2.1	S.W. & E.	5.4	47	8.6	3.3	0.9	0.807	3.5	542	120
Exeter.....	..	48.2	68.0	26.0	10.3	28.3	32.0	..	1.7	S.W. & E.	5.4	47	8.6	3.4	0.5	0.874	4.1	542	140
Chichester.....	..	48.2	68.0	26.0	10.3	28.3	32.0	..	..	S.W. & N.W.	5.8	40	12.1	3.2	0.5	0.866	3.0	545	55
Southampton.....	29.701	44.3	67.2	15.0	10.3	34.3	50.0	41.9	0.2	S.W. & N.W.	5.8	40	12.1	3.2	0.5	0.866	3.0	545	55
Beckington.....	29.694	44.3	67.2	15.0	10.3	34.3	50.0	41.9	0.2	S.W. & N.W.	5.8	40	12.1	3.2	0.5	0.866	3.0	545	55
Royal Observatory Greenwich.....	29.687	44.3	67.2	15.0	10.3	34.3	50.0	41.9	0.2	S.W. & N.W.	5.8	40	12.1	3.2	0.5	0.866	3.0	545	55
Malden Stone Hill, Greenwich.....	29.710	44.3	67.2	15.0	10.3	34.3	50.0	41.9	0.2	S.W. & N.W.	5.8	40	12.1	3.2	0.5	0.866	3.0	545	55
Chislewell Street, London.....	..	44.3	67.2	15.0	10.3	34.3	50.0	41.9	0.2	S.W. & N.W.	5.8	40	12.1	3.2	0.5	0.866	3.0	545	55
St. John's Wood.....	29.709	44.3	67.2	15.0	10.3	34.3	50.0	41.9	0.2	S.W. & N.W.	5.8	40	12.1	3.2	0.5	0.866	3.0	545	55
Aylesbury.....	29.684	43.6	65.3	17.0	13.1	38.2	48.0	39.6	1.3	S.W. & N.E.	6.1	36	5.7	3.0	0.5	0.883	3.7	532	200
Lattimer Rectory.....	29.625	43.6	65.3	17.0	13.1	38.2	48.0	39.6	1.3	S.W. & N.E.	6.1	36	5.7	3.0	0.5	0.883	3.7	532	200
Stone Observatory.....	29.643	43.6	65.3	17.0	13.1	38.2	48.0	39.6	1.3	S.W. & N.E.	6.1	36	5.7	3.0	0.5	0.883	3.7	532	200
Hartwell (near Aylesbury).....	29.651	43.7	66.6	17.0	11.5	38.0	49.0	43.4	1.0	S. & N.W.	7.0	41	6.0	3.0	0.4	0.877	3.7	539	320
Hartwell Rectory.....	..	43.7	66.6	17.0	11.5	38.0	49.0	43.4	1.0	S. & N.W.	7.0	41	6.0	3.0	0.4	0.877	3.7	539	320
Salmon Rectory.....	29.651	43.7	66.6	17.0	11.5	38.0	49.0	43.4	1.0	S. & N.W.	7.0	41	6.0	3.0	0.4	0.877	3.7	539	320
Radcliffe Observatory, Oxford.....	29.743	43.2	65.3	19.0	12.1	41.5	46.5	38.1	0.8	S.W.	4.4	37	..	2.9	0.5	0.846	3.5	541	260
Hereford.....	29.743	43.2	65.3	19.0	12.1	41.5	46.5	38.1	0.8	S.W.	4.4	37	..	2.9	0.5	0.846	3.5	541	260
Cardington (near Bedford).....	29.785	42.2	63.6	15.3	11.9	36.0	45.0	..	2.0	Var.	7.1	38	4.9	3.2	0.4	0.942	3.8	542	250
North.....	29.685	42.6	63.6	20.0	12.3	35.3	43.6	41.2	..	Var.	6.8	47	5.6	3.2	0.4	0.909	3.8	545	200
Holkham.....	29.652	43.6	63.0	21.0	10.1	32.0	42.0	40.0	..	Var.	6.8	47	5.6	3.2	0.4	0.909	3.8	545	200
Derby.....	29.622	42.1	64.0	18.0	10.6	34.6	46.7	38.4	0.9	S.W.	7.0	62	9.2	3.1	0.6	0.835	3.5	546	31
Highfield House, Notts.....	29.628	40.5	63.0	17.5	14.4	38.9	47.0	37.5	0.8	S.W.	6.5	60	8.4	2.8	0.7	0.827	3.5	544	103
Manchester.....	29.628	40.5	63.0	17.5	14.4	38.9	47.0	37.5	0.8	S.W.	6.5	60	8.4	2.8	0.7	0.827	3.5	544	103
Liverpool.....	29.628	40.5	63.0	17.5	14.4	38.9	47.0	37.5	0.8	S.W.	6.5	60	8.4	2.8	0.7	0.827	3.5	544	103
W. Acted Prison.....	29.680	42.6	64.0	20.0	12.5	37.2	47.0	39.6	1.2	S.E.	6.0	57	10.7	3.0	0.5	0.855	3.6	544	37
Stonard Lodge (near Leeds).....	29.701	41.3	65.0	20.0	11.0	35.1	45.0	37.5	1.4	S.W.	7.2	64	10.7	3.0	0.6	0.832	3.4	545	113
Stonard Lodge (near Leeds).....	29.694	41.3	65.0	20.0	11.0	35.1	45.0	37.5	1.4	S.W.	7.2	64	10.7	3.0	0.6	0.832	3.4	545	113
Whitbourn Observatory.....	29.674	43.2	64.0	25.0	6.6	23.3	39.0	40.7	2.1	S.W. & N.E.	6.7	48	13.9	2.8	0.4	0.892	3.8	540	381
Whitbourn.....	29.653	43.2	64.0	25.0	6.6	23.3	39.0	40.7	2.1	S.W. & N.E.	6.7	48	13.9	2.8	0.4	0.892	3.8	540	381
Durham.....	29.653	43.2	64.0	25.0	6.6	23.3	39.0	40.7	2.1	S.W. & N.E.	6.7	48	13.9	2.8	0.4	0.892	3.8	540	381
Newcastle.....	29.648	42.7	65.5	23.0	10.7	30.8	42.5	38.9	..	S.E. & N.W.	5.9	50	12.7	2.9	0.4	0.853	3.5	540	347
Number of Columns.....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

NOTES ON THE METEOROLOGICAL TABLE FOR THE QUARTER ENDING DECEMBER 31, 1849.

The mean of the numbers in the first column is 29·680 inches, and this value may be considered as the pressure of dry air for England during the quarter ending December 31, 1849.

The mean of the numbers in the second column, for Guernsey, and those places situated in the counties of Cornwall and Devonshire, is 48°3; at Liverpool and Whitehaven, is 44°2; for those places situated south of latitude of 52°, including Chichester and Hartwell, is 44°3; for those places situated between the latitudes of 52° and 53°, including Saffron Walden and Holkham, is 43°2; for those places situated between the latitudes of 53° and 54°, including Derby and Stonyhurst, is 42°1; and for Durham and Newcastle, is 44°2. These values may be considered as those of the mean temperature of the air for those parallels of latitude during the quarter ending December 31, 1849.

The average daily range of temperature in Cornwall and Devonshire was 9°5; at Liverpool and Whitehaven was 7°0; south of latitude 52° was 11°6; between the latitudes of 52° and 53° was 11°4; between the latitudes of 53° and 54° was 11°6; and north of 54° was 10°0.

The greatest mean daily ranges of the temperature of the air took place at Nottingham, Aylesbury, Exeter, Beckington, and Latimer; and the least occurred at Guernsey, Whitehaven, Liverpool, and Torquay.

The highest temperature of the air was about 69° at several places; the lowest readings were 11° at Southampton, 15° at Beckington and Chichester, and 15°3 at Oxford. The extreme range of temperature of the air during the quarter in England was therefore about 58°.

The average quarterly range of the reading of the thermometer in Cornwall and Devonshire was 40°7; at Liverpool and Whitehaven was 48°5; south of latitude 52° was 49°2; and north of this parallel was 45°1.

The mean temperature of the dew point in Cornwall and Devonshire was 44°1; south of latitude 52° was 41°3; between the latitudes 52° and 53° was 40°1; and north of 53° was 38°7.

The amount of cloud was such as to cover about three-fourths of the sky nearly.

Rain has fallen on the greatest number of days at Wakefield, Holkham, Nottingham, and Guernsey; the average number at these places was 61. It fell on the least number of days at Saffron Walden, St. John's Wood, Hartwell Rectory, and Oxford, and the average number at these places was 34. The stations at which the largest falls have taken place are Guernsey, Stonyhurst, Helston, and Southampton. The smallest falls occurred at St. John's Wood, Oxford, Stone, and London. The average fall in Guernsey, Cornwall, and Devonshire, was 12·4 inches; south of latitude 52° was 6·9 inches; between the latitudes of 52° and 53° was 7·6 inches; between 53° and 54° was 10·2 inches; at Liverpool and Whitehaven was 11·6 inches; and at Newcastle was 7·9 inches.

The numbers in columns 14 to 18 show the mean values of the hygrometrical results, from which we find that—the mean weight of vapour in a cubic foot of air at all places (excepting Cornwall and Devonshire), in the quarter ending December 31, 1849, was 3·0 grains. The mean additional weight required to saturate a cubic foot of air was 0·5 grain. The mean degree of humidity (complete saturation = 1), was 0·857. The mean amount of vapour mixed with the air would have produced water, if all had been precipitated at one time on the surface of the earth, to the depth of 3·6 inches. The mean weight of a cubic foot of air under the mean pressure, temperature, and humidity, was 543 grains, at the average height of 182 feet. And these values for Cornwall and Devonshire were 3·5 grains; 0·6 grain; 0·864, 3·9 inches, and 540 grains at the average height of 122 feet.

REVENUE.

Abstract of the Net Produce of the Revenue of Great Britain in the Years and Quarters ending 5th April, 1849 and 1850; showing the Increase or Decrease thereof.—(Continued from page 93.)

Sources of Revenue.	Years ending 5th April.			
	1849.	1850.	Increase.	Decrease.
	£	£	£	£
Customs.....	19,129,829	18,535,263	....	594,566
Excise	12,650,114	12,792,713	142,599	....
Stamps	6,041,351	6,354,429	313,078	....
Taxes.....	4,318,903	4,332,979	14,076	....
Property Tax	5,317,244	5,466,248	149,004	....
Post Office.....	789,000	803,000	14,000	....
Crown Lands.....	100,000	160,000	60,000	....
Miscellaneous	143,651	198,410	54,759	....
Total Ordinary Revenue	48,490,092	48,643,042	747,516	594,566
China Money	84,284	....	....	84,284
Imprest and other Moneys .	665,293	656,855	....	8,438
Repayments of Advances....	427,761	553,349	125,588	....
Total Income.....	49,667,430	49,853,246	873,104	687,288
Deduct Decrease				687,288
Increase on the Year			185,816	

Sources of Revenue.	Quarters ending 5th April.			
	1849.	1850.	Increase.	Decrease.
	£	£	£	£
Customs	4,593,119	4,432,584	....	160,535
Excise	1,820,575	1,859,473	38,898	....
Stamps	1,549,171	1,538,125	....	11,046
Taxes.....	148,101	177,231	29,130	....
Property Tax.....	2,011,519	2,069,608	58,089	....
Post Office.....	234,000	231,000	....	3,000
Crown Lands.....	40,000	40,000	....	....
Miscellaneous	98,792	47,960	....	50,832
Total Ordinary Revenue	10,495,277	10,395,981	126,117	225,413
China Money .....	....	....	....	....
Imprest and other Moneys	204,361	301,759	97,398	....
Repayments of Advances	87,648	91,400	3,752	....
Total Income.....	10,787,286	10,789,140	227,267	225,413
Deduct Decrease				225,413
Increase on the Quarter			1,854	

Consolidated Fund Operations.—The total income brought to this account in the quarter ending 5th April, 1850, was 10,796,885*l.* The total charge upon it was 8,080,241*l.*, leaving a surplus of 2,716,644*l.*

CORN.

Average Prices of Corn per Imperial Quarter in England and Wales, during each Week of the First Quarter of 1850; together with the Average Prices for the whole Quarter.—(Continued from p. 94.)

Returns received at the Corn Office.		Wheat.		Barley.	Oats.	Rye.	Beans.	Peas.
		Weekly Average	Aggregate Average of Six Weeks' regulating Duty.	Weekly Average	Weekly Average	Weekly Average	Weekly Average	Weekly Average
Weeks ending, 1850.		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
January	5	40 0	39 5	25 11	15 10	24 11	26 11	28 5
	12	41 1	39 6	26 4	15 6	23 4	26 6	28 6
	19	41 0	39 10	26 3	16 0	23 9	26 6	27 6
	26	40 1	40 0	25 9	15 10	21 2	26 1	28 5
February	2	39 4	40 2	25 4	15 2	23 10	25 6	27 0
	9	38 6	40 0	24 7	15 3	22 1	25 3	26 4
	16	37 9	39 8	23 10	15 4	20 7	24 11	26 10
	23	37 11	39 1	23 7	15 6	20 11	24 8	26 0
March	2	38 6	38 8	23 9	14 11	21 11	24 4	25 11
	9	38 6	38 5	23 10	15 5	23 3	24 7	25 4
	16	38 1	38 3	23 8	14 11	22 7	24 1	25 2
	23	37 8	38 1	23 4	15 2	23 5	23 11	25 2
	30	37 9	38 1	23 6	15 2	21 7	23 10	25 3
Average for the Quarter		38 11	..	24 7	15 4	22 6	25 2	26 0

Foreign and Colonial Wheat and Wheat-Flour imported in each of the Months ending 5th January, 5th February, and 5th March, 1850; the Quantities Entered for Home Consumption during the same Months; and the Quantities remaining in Warehouse at the close of them.—(Continued from p. 94.)

WHEAT.

Months ending.	Imported.			Quantities entered for Home Consumption.			In Bond at the Month's end.		
	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.
1850.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.
5th Jan.	214,326	1,027	215,353	220,563	1,027	221,590	30,104	36	30,140
5th Feb.	137,923	704	138,627	141,057	704	141,761	26,971	35	27,006
5th Mar.	126,883	809	127,692	132,577	809	133,386	21,276	35	21,311

WHEAT-FLOUR.

Months ending.	Imported.			Quantities entered for Home Consumption.			In Bond at the Month's end.		
	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.
1850.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.
5th Jan.	201,172	45,246	246,418	204,105	45,426	249,531	10,624	102	10,726
5th Feb.	254,789	3,264	258,053	254,789	3,462	258,251	11,126	..	11,126
5th Mar.	207,400	1,289	208,689	207,605	1,289	208,894	10,050	..	10,050

Fluctuations in the Stock and Share Market during the Months of January, February, and March, 1850.

Stocks and Shares.	Amount of Share.			Amount Paid.			Price on the 1st of			Highest Price during the Months of			Lowest Price during the Months of		
	January.		February.	March.			January.		February.	January.		February.	January.		February.
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£
Consols	96	0	0	0	0	0	96	0	0	0	0	0	96	0	0
Exchequer Bills	96	0	0	0	0	0	96	0	0	0	0	0	96	0	0
RAILWAYS—															
Brighton	50	0	0	0	0	0	50	0	0	0	0	0	50	0	0
Caledonian	20	0	0	0	0	0	20	0	0	0	0	0	20	0	0
Eastern Counties	20	0	0	0	0	0	20	0	0	0	0	0	20	0	0
Great Northern	25	0	0	0	0	0	25	0	0	0	0	0	25	0	0
Great Western	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0
London and North-Western	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0
Midland	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0
North Staffordshire	20	0	0	0	0	0	20	0	0	0	0	0	20	0	0
South-Eastern	33	2	4	33	2	4	33	2	4	33	2	4	33	2	4
South-Western	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0
York, Newcastle, & Berwick	25	0	0	0	0	0	25	0	0	0	0	0	25	0	0
York and North Midland	50	0	0	0	0	0	50	0	0	0	0	0	50	0	0
Boulogne and Amiens	20	0	0	0	0	0	20	0	0	0	0	0	20	0	0
Northern of France	20	0	0	0	0	0	20	0	0	0	0	0	20	0	0
East Indian	20	0	0	0	0	0	20	0	0	0	0	0	20	0	0
Great Indian Peninsula	5	0	0	5	0	0	5	0	0	5	0	0	5	0	0

Average Price of Meat as sold in Smithfield Market in the Months ending 31st January, 28th February, and 31st March, 1850.

Description.			Jan.	Feb.	March.	Description.			Jan.	Feb.	March.	Description.			Jan.	Feb.	March.	
Inferior Beasts	3	0	3	1	3	Inferior Sheep	2	11	2	11	2	Coarse Calves	3	7	3	4	3	8
2nd class	3	5	3	5	3	2nd Class	3	3	3	3	3	Small Prime Calves	4	6	3	9	4	2
3rd class (Large Prime)	3	7	3	7	3	3rd Class	3	9	4	2	4	Small Hogs	3	6	3	6	3	6
4th class (Scots)	3	10	3	10	3	4th Class (South Down)	4	2	4	4	4	Small Neat Porkers	4	0	3	11	4	2
						Lambs .....	...	...	...	...	...		

N.B.—Price of Meat at the rate of 8 lbs. Avoirdupois to the stone, sinking the offal.

N.B.—Price of Meat at the rate of 8 lbs. Avoirdupois to the stone, sinking the offal.

CURRENCY.

BANK OF ENGLAND.

An Account, pursuant to the Act of the 7th and 8th Victoria, c. 32, for the Weeks ending on Saturday, the 5th January, the 2nd February, the 2nd March, and the 30th March, 1850.—(Continued from p. 95.)

ISSUE DEPARTMENT.

	Weeks ending,			
	5th Jan., 1850.	2nd Feb., 1850.	2nd March, 1850.	30th March, 1850.
	£	£	£	£
Notes issued	30,267,475	30,104,810	30,376,160	30,301,265
Government Debt	11,015,100	11,015,100	11,015,100	11,015,100
Other Securities	2,984,900	2,984,900	2,984,900	2,984,900
Gold Coin and Bullion..	15,990,398	15,827,733	16,099,083	16,057,388
Silver Bullion	277,077	277,077	277,077	243,877
Total	30,267,475	30,104,810	30,376,160	30,301,265

BANKING DEPARTMENT.

Proprietors' Capital....	14,553,000	14,553,000	14,553,000	14,553,000
Rest	3,135,837	3,232,594	3,592,934	3,602,230
Public Deposits	10,321,413	5,727,761	7,838,208	9,571,047
Other Deposits	9,735,268	10,591,701	9,881,899	9,526,633
Seven Day and other Bills	1,085,169	1,205,956	1,096,306	1,060,332
Total	38,830,687	35,311,012	36,962,347	38,313,242
Government Securities, including Dead Weight Annuities..	14,375,681	14,296,554	14,419,732	14,418,854
Other Securities	11,691,026	9,828,739	10,425,030	12,267,353
Notes	12,010,975	10,479,370	11,367,885	10,819,365
Gold and Silver Coin ..	753,005	706,349	749,700	770,670
Total	38,830,687	35,311,012	36,962,347	38,313,242

COUNTRY BANKS.

Average Aggregate Amount of Promissory Notes of Country Banks, which have been in Circulation in the United Kingdom, distinguishing the several Banks, or Classes of Banks by which issued in each part of the Kingdom, during the weeks ending 29th December, 1849, 26th January, and 23rd February, 1850.—(Continued from p. 95.)

Banks.	29th December, 1849.	26th January, 1850.	23rd February, 1850.
England—Private Banks	3,539,754	3,685,345	3,597,017
Joint Stock Banks	2,601,159	2,680,526	2,657,976
Scotland—Chartered, Private, and Joint Stock Banks.....	3,242,448	3,112,859	3,054,463
Ireland—Bank of Ireland, Private and Joint Stock Banks	4,634,503	4,669,824	4,635,741
Total.....	14,017,864	14,148,554	13,945,197